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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/622,874	
	Filing Date	Jul 18, 2003	
	First Named Inventor	Minano, Juan Carlos	
	Art Unit	2875	
	Examiner Name		
Total Number of Pages in This Submission	5*	Attorney Docket Number	3084.007

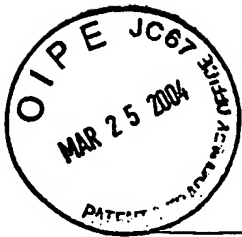
ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard to Applicant's Attorney
<b>Remarks</b> *Exclusive of patents and publications.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	SINSHEIMER, SCHIEBELHUT & BAGGETT by Julie A. Hopper (Reg. No. 50869)
Signature	
Date	March 23, 2004

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Type or printed	Julie A. Hopper		
Signature		Date	March 23, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Minano et al.

Serial No.: 10/622,874

Filed: 7/18/2003

Title: ASYMMETRIC TIR LENSES  
PRODUCING OFF-AXIS BEAMS

Attorney Docket No.: 3084.007

Group Art Unit: 2875

Examiner:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit herewith Form PTO/SB/08A and PTO/SB/08B Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The items listed on PTO/SB/08A are either in the English language or an English translation is provided, therefore, no further explanation is required, with the exception of the following non-English reference. A concise explanation, as presently understood, is as follows:

SU 1282051 A1 appears to be related to a luminous energy collimator having a paraboloid axis inclined at angle towards symmetry axis given by relationship.

Applicant submits that the above references taken alone or in combination neither anticipates nor renders obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

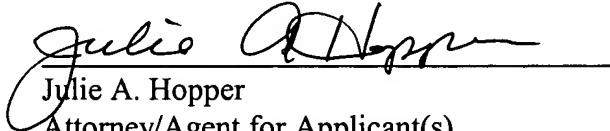
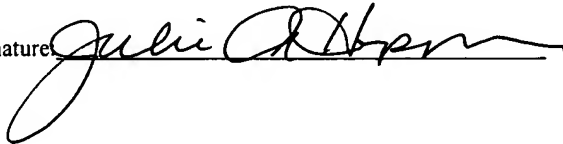
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SINSHEIMER, SCHIEBELHUT &  
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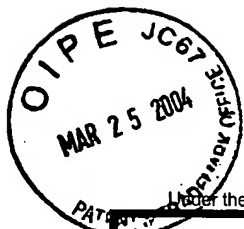
Typed Name: Julie A. Hopper

Signature

  
Julie A. Hopper  
Attorney/Agent for Applicant(s)  
Reg. No. 50869

Date: March 23, 2004

Telephone No.: (805) 781-2824



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1

of

2

### Complete if Known

Application Number	10/622,874
Filing Date	7/18/2003
First Named Inventor	Minano et al.
Art Unit	2875
Examiner Name	

Attorney Docket Number	3084.007
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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US appl. no. 10/269,479	10-11-2002	Benitez	
		US appl. no. 10/461,557	06-12-2003	Minano	
		US appl. no. 10/726,130	12-01-2003	Sun	
		US appl. no. 10/772,088	02-03-2004	Minano, et al	
		US appl. no. 10/779,259	02-13-2004	Benitez	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		SU 1282051 A1	01-07-1987	Spigulis		
		EP 0450560 A2	10-09-1991	Totah, et al		
		WO 99/09349	02-25-1999	De Coma International Inc.		
		WO 99/13266	03-18-1999	Simon		
		WO 01/07828	02-01-2001	Pelka		
		WO 03/066374 A2	08-14-2003	Steen, et al		
		WO 03/066374 A3	08-14-2003	Steen		
		WO 04/007241 A2	01-22-2004	Steen, et al		

Examiner  
Signature

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/622,874
				Filing Date	7/18/2003
				First Named Inventor	Minano et al.
				Art Unit	2875
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	3084.007

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Remillard, Everson and Weber, "Loss Mechanisms Optical Light Pipes" <i>Applied Optics</i> Vol 31 #34 pp. 7232-7241 December 1992.	
		Parkyn et al "The Black Hole™: Cuspated waveguide-injectors and illuminators for LEDs; Part of the SPIE Conference on Nonimaging Optics: Maximum Efficiency Light Transfer V, Denver, CO, July 1999.	
		Hyper ARGUS®LED, Hyper-Bright, 3mm (T1) LED, Non Diffused; 3-1-2000; Infineon Technologies, pp. 1-9.	
		Spigulis, "Compact dielectric reflective elements, Half-sphere concentrators of radially emitted light" <i>Applied Optics</i> Vol. 33, No. 25, September 1994.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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